

NATIONAL SCIENCE FOUNDATION CURRENT AUTHORIZATIONS

(Dollars in Millions)

LEGISLATION	FY 2021	FY 2022	FY 2023	Authorization Levels		
	Actual	(TBD)	Request	FY 2021	FY 2022	FY 2023
National Science Foundation Act of 1950, P.L. 81-507¹						
						<i>within limits of funds made available for this purpose within the limits of available appropriations to make such expenditures as may be necessary within the limit of appropriated funds utilize appropriations available</i>
American Innovation and Competitiveness Act, P.L. 114-329						<i>(Does not authorize appropriations)</i>
<i>The American Innovation and Competitiveness Act authorizes NSF's research and education programs. The law also promotes NSF's commitment to diversity in STEM fields, and incentivizes NSF programs which encourage private-sector involvement, while re-affirming NSF's continued commitment to entrepreneurship and commercialization.</i>						
SBIR and STTR reauthorized through 2022 at current levels under the National Defense Authorization Act of Fiscal Year 2017, P.L. 114-328						
<i>Small Business Innovation Research (SBIR) Program²</i>	\$196.04	\$199.06	\$236.39			<i>3.2% of research funds in 2020, 2021, and 2022</i>
<i>Small Business Technology Transfer (STTR) Program²</i>	\$31.10	\$28.00	\$33.25			<i>0.45% of research funds in 2020, 2021, and 2022</i>
The Research Excellence and Advancements for Dyslexia Act (READ Act), P.L. 114-124³	\$14.56	*		\$5.00	\$5.00	NA
<i>The National Science Foundation shall support multi-directorate, merit-reviewed, and competitively awarded research on the science of specific learning disability, including dyslexia, such as research on the early identification of children and students with dyslexia, professional development for teachers and administrators of students with dyslexia, curricula and educational tools needed for children with dyslexia, and implementation and scaling of successful models of dyslexia intervention.⁴ For each of fiscal years 2016 through 2021, there are authorized out of funds appropriated to the National Science Foundation, \$5,000,000.</i>						

NSF Authorizations

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National Earthquake Hazards Reduction Program Reauthorization Act of 2018, P.L. 115-307	\$54.29	-	\$54.00	\$54.00	\$54.00	\$54.00
<p><i>Amends the Earthquake Hazards Reduction Act of 1977 to expand activities under the National Earthquake Hazards Reduction Program to include: (1) gathering information on community resilience (i.e., the ability of a community to prepare for, recover from, and adapt to earthquakes); (2) publishing a systematic set of maps of active faults and folds, liquefaction susceptibility, susceptibility for earthquake-induced landslides, and other seismically induced hazards; and (3) continuing the development of the Advanced National Seismic System, including earthquake early warning capabilities.</i></p> <p><i>With respect to earthquake hazard reduction activities, the bill revises or expands the duties of: (1) the Interagency Coordinating Committee on Earthquake Hazards Reduction, (2) the National Institute of Standards and Technology (NIST), (3) the Federal Emergency Management Agency (FEMA), (4) the U.S. Geological Survey (USGS), and (5) the National Science Foundation.</i>⁵</p>						
National Quantum Initiative Act, P.L. 115-38				<i>(Does not authorize appropriations)</i>		
<p><i>Authorizes the National Science Foundation to carryout a basic research and education program on quantum information science and engineering, and award grants for the establishment of at least 2 but not more than 5 Multidisciplinary Centers for Quantum Research and Education up to \$10 million each for each of fiscal years 2019 through 2023.</i></p>						
National Defense Authorization Act for Fiscal Year 2021, P.L. 116-283						
<p><i>Sec 5401(f) Establishes the National Science Foundation Pilot Program of Grants for Research in Rapidly Evolving, High Priority Topics to assess the feasibility and advisability of awarding grants for the conduct of research in rapidly evolving, high priority topics using funding mechanisms that require brief project descriptions and internal merit review, and that may include accelerated external review.</i>⁶</p>						
	*	*	*	\$868.00	\$911.40	\$956.97

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LEGISLATION	FY 2021 Actual	FY 2022 (TBD)	FY 2023 Request	Authorization Levels		
				FY 2021	FY 2022	FY 2023
H.R. 8810 - National Landslide Preparedness Act, P.L. 116-323	*	*	*	\$11.00	\$11.00	\$11.00
<i>Provide grants, on a competitive basis, to State, territorial, local, and Tribal governments to research, map, assess, and collect data on landslide hazards within the jurisdictions of those governments. For each of fiscal years 2021 through 2024 there is authorized to be appropriated to the National Science Foundation, \$11,000,000 to carry out this section.</i>						
H.R. 4704 - Advancing Research to Prevent Suicide Act, P.L. 116-339						
<i>Directs NSF to award competitive, merit-reviewed grants to institutions of higher education (or their consortia) to support multidisciplinary, fundamental research with potential relevance to suicide, including potential relevance to prevention and treatment.</i>						
<i>In awarding such grants, the NSF shall encourage applications submitted by early career researchers, including doctoral students and postdoctoral researchers, to promote the researchers' development.</i>						

(Does not authorize appropriations)

¹ Organic legislation establishing NSF.

² SBIR and STTR are reauthorized through September 30, 2022.

³ Actual amounts will be reported after awards are completed.

⁴ The \$5.0 million shall include not less than \$2.50 million for research on the science of dyslexia, for each of fiscal years 2017 through 2021. FY 2021 Actuals funding includes \$6.78 million for dyslexia research.

⁵ Authorizes \$54.0 million for the National Earthquake Hazards Reduction Program at NSF for each of fiscal years FY 2019 through FY 2023.

⁶ Authorizes appropriation of funds for the Pilot Program of Grants for Research in Rapidly Evolving, High Priority Topics. Outyear funding is \$1,004,820,000 for fiscal year 2024; and \$1,055,060,000 for fiscal year 2025.